

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007103.D
 Acq On : 10 Jan 2022 14:23
 Operator : SY/MD
 Sample : N1065-40
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-10

Quant Time: Jan 11 02:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

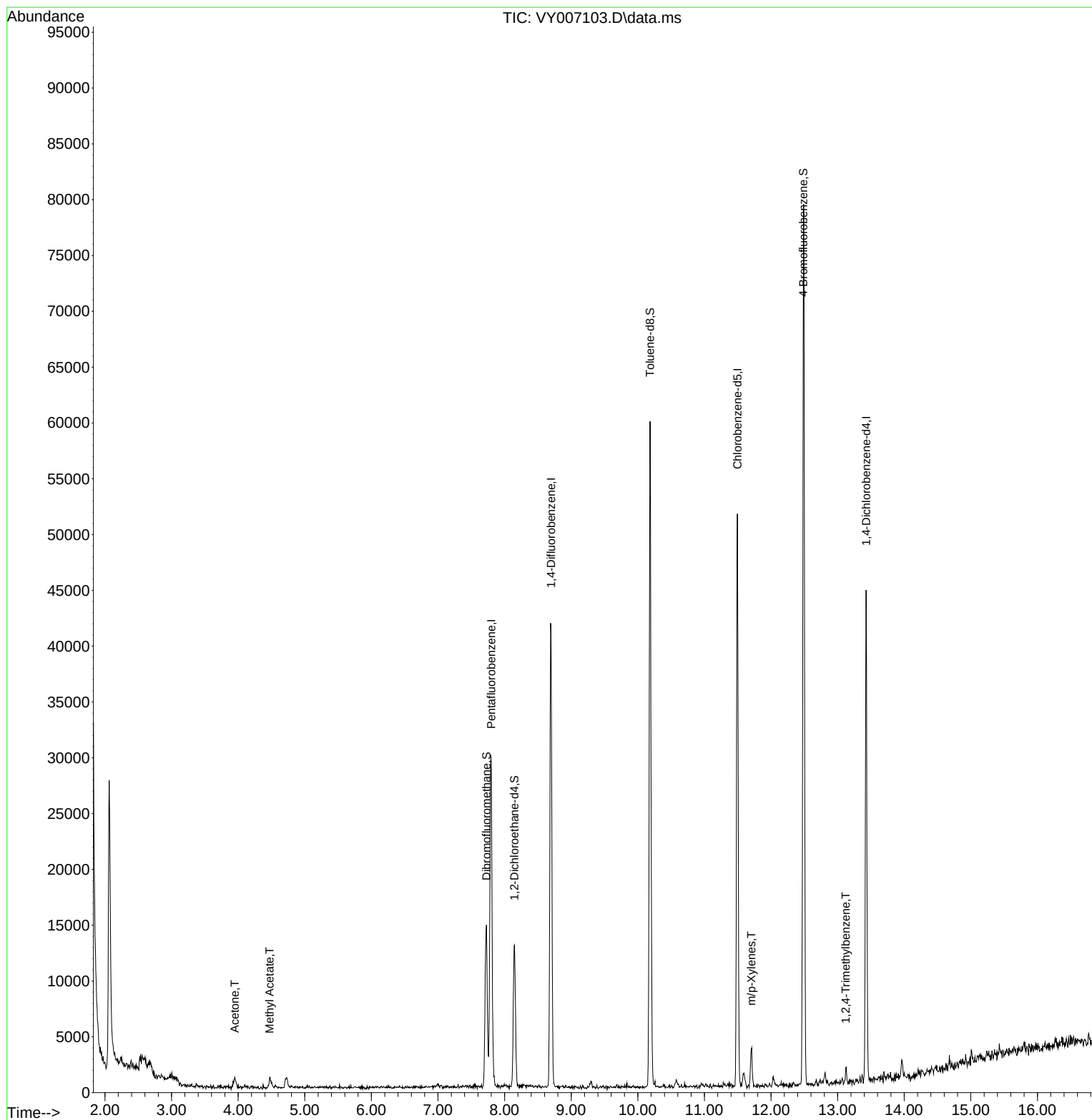
Internal Standards						
1) Pentafluorobenzene	7.801	168	22823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	36645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	28033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10767	39.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.860%
35) Dibromofluoromethane	7.728	113	10768	44.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.180%
50) Toluene-d8	10.185	98	41250	45.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.483	95	12511	38.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.900%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1380	26.939	ug/l	92
18) Methyl Acetate	4.472	43	1513	6.439	ug/l #	83
68) m/p-Xylenes	11.703	106	1070	2.525	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	877	1.204	ug/l	96

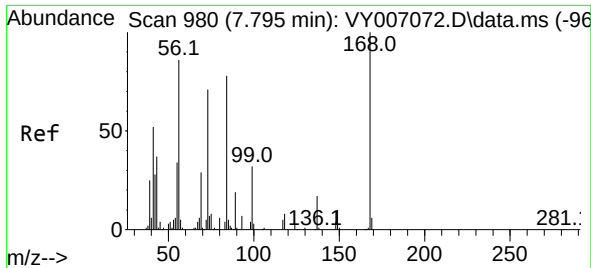
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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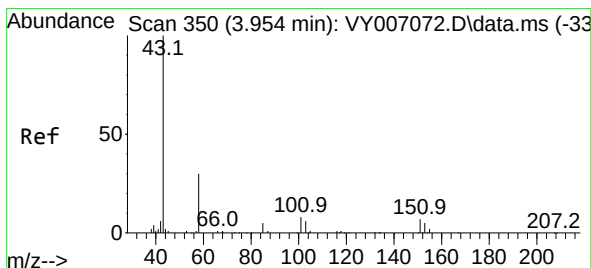
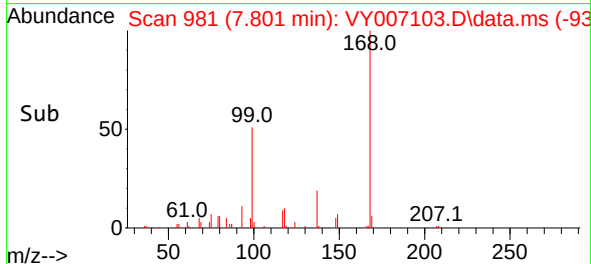
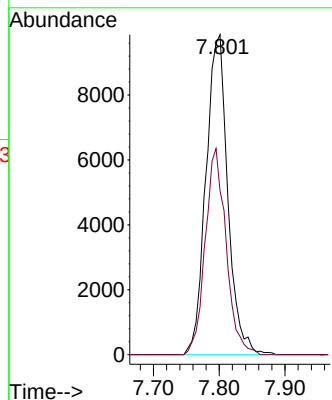
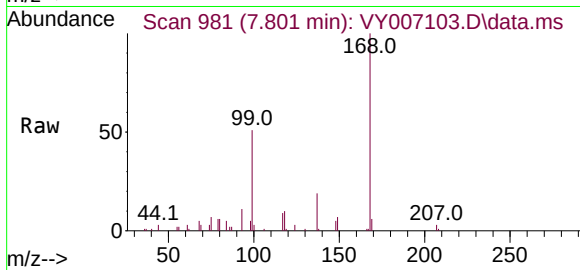




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

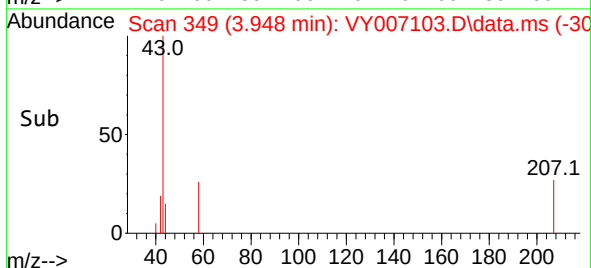
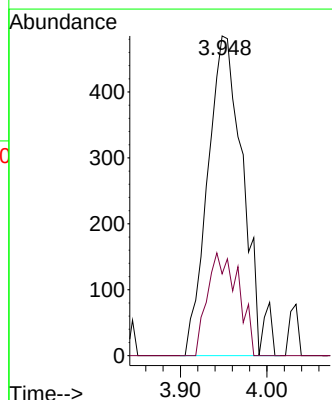
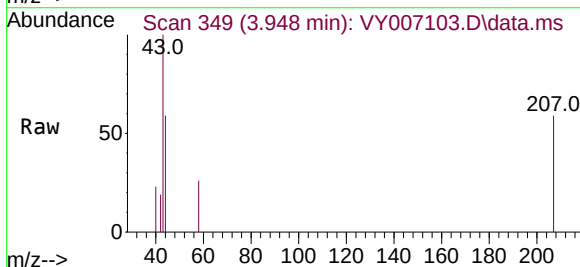
Instrument :
MSVOA_Y
ClientSampleId :
AMI-10

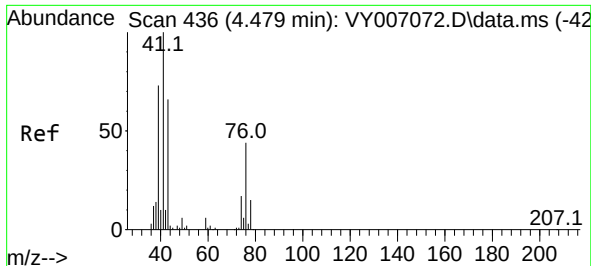
Tgt Ion:168 Resp: 22823
Ion Ratio Lower Upper
168 100
99 51.2 49.1 73.7



#16
Acetone
Concen: 26.939 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6

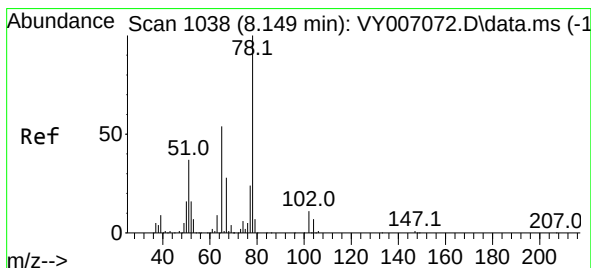
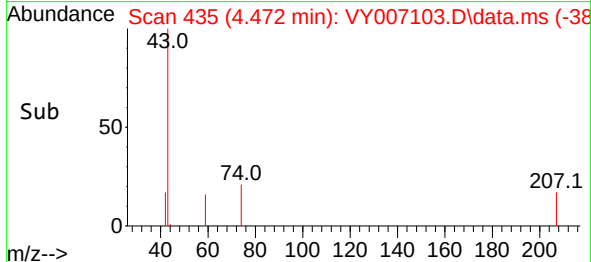
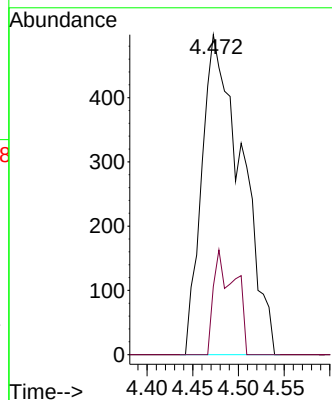
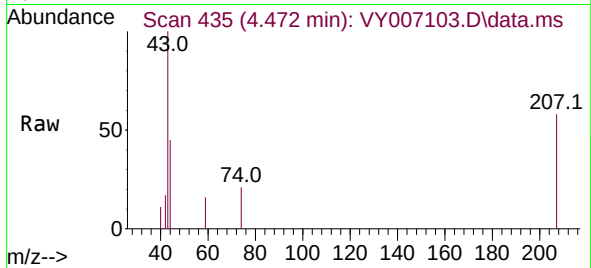




#18
Methyl Acetate
Concen: 6.439 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

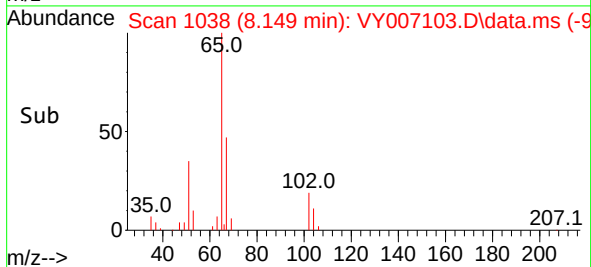
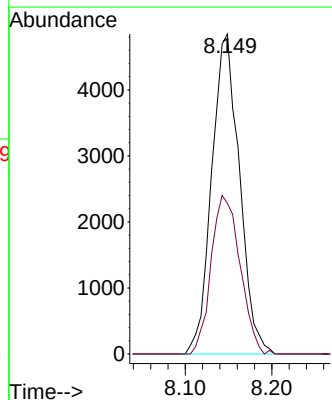
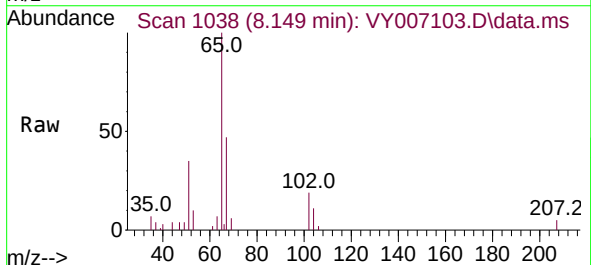
Instrument :
MSVOA_Y
ClientSampleId :
AMI-10

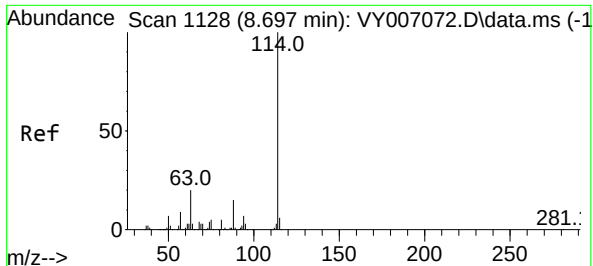
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
74 17.4 20.9 31.3#



#33
1,2-Dichloroethane-d4
Concen: 39.434 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

Tgt Ion: 65 Resp: 10767
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007103.D

Acq: 10 Jan 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

AMI-10

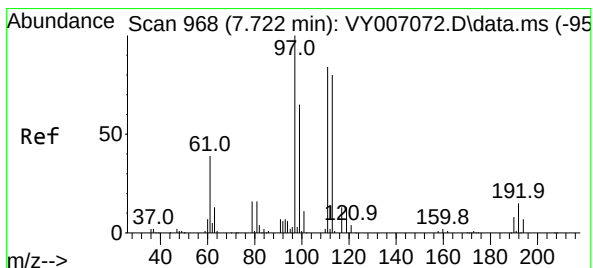
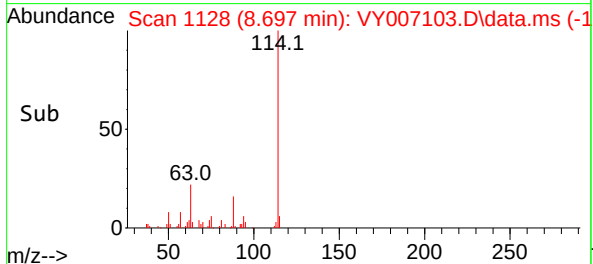
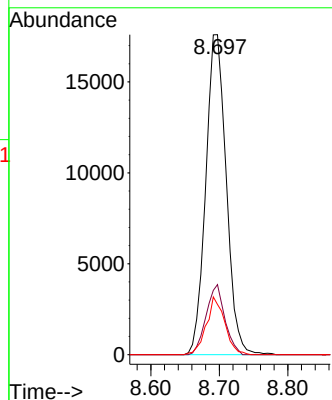
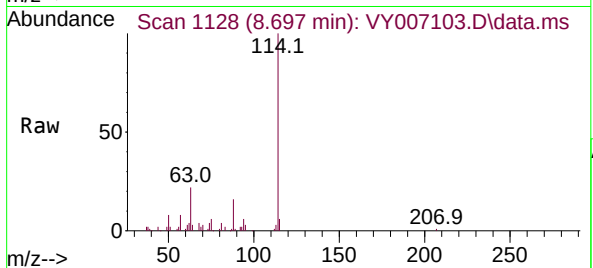
Tgt Ion:114 Resp: 36645

Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.2

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 44.089 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY007103.D

Acq: 10 Jan 2022 14:23

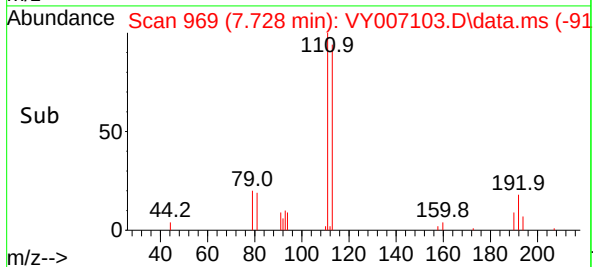
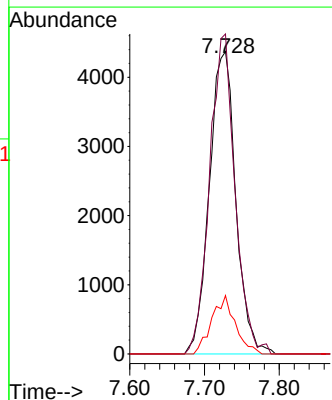
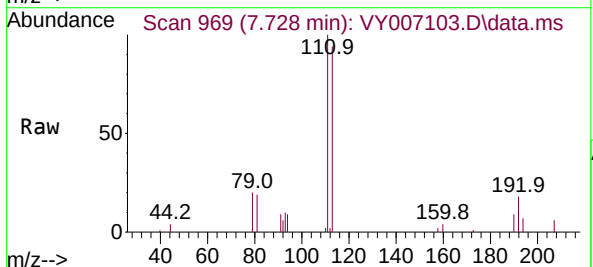
Tgt Ion:113 Resp: 10768

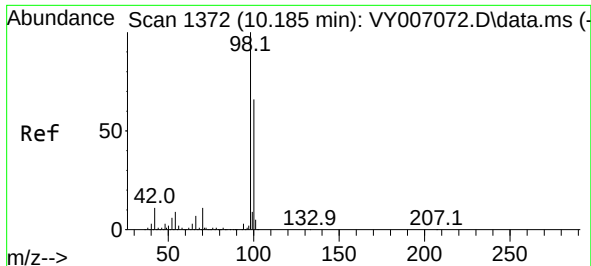
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 17.2 14.2 21.4

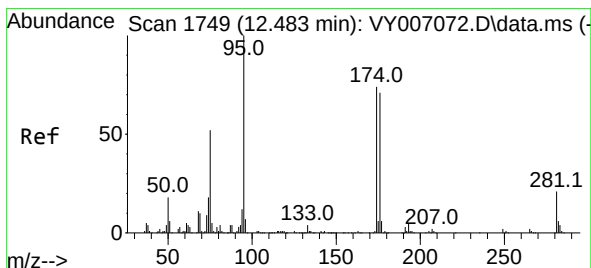
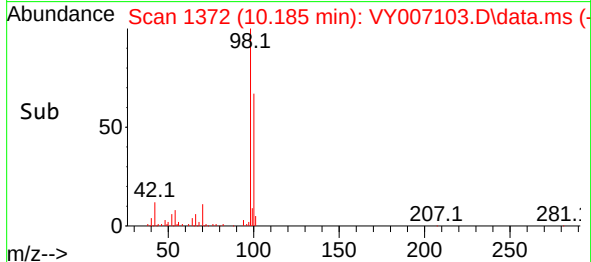
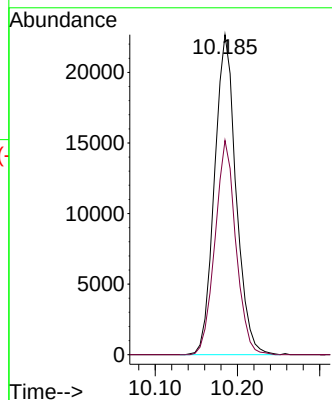
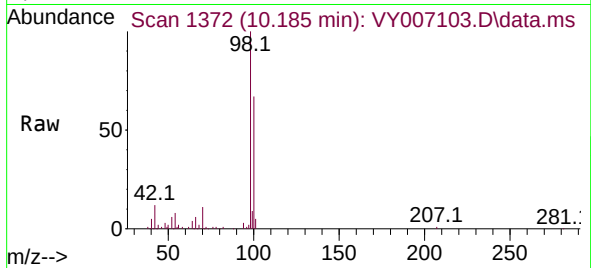




#50
Toluene-d8
Concen: 45.725 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

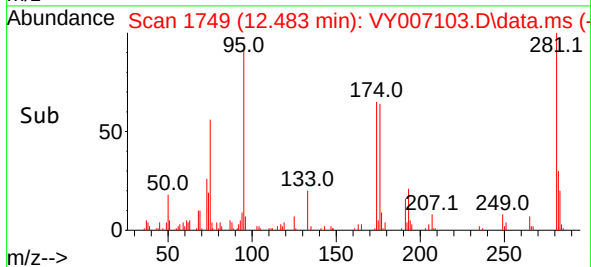
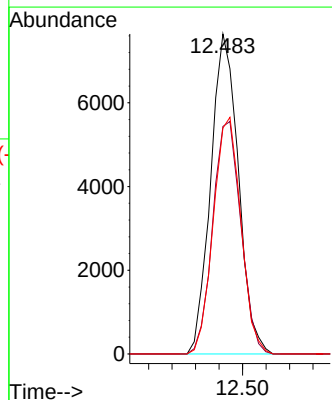
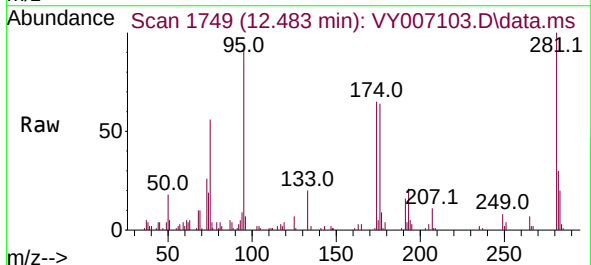
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AMI-10

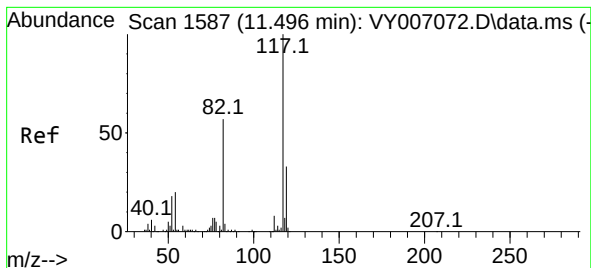
Tgt Ion: 98 Resp: 41250
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007103.D
Acq: 10 Jan 2022 14:23

Tgt Ion: 95 Resp: 12511
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 73.6 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007103.D

Acq: 10 Jan 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

AMI-10

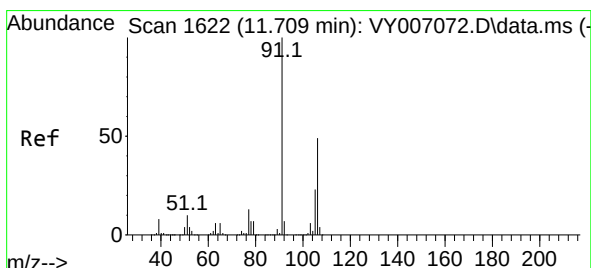
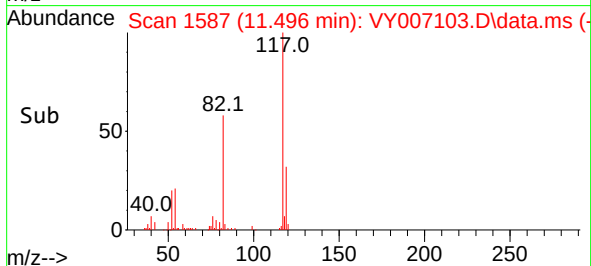
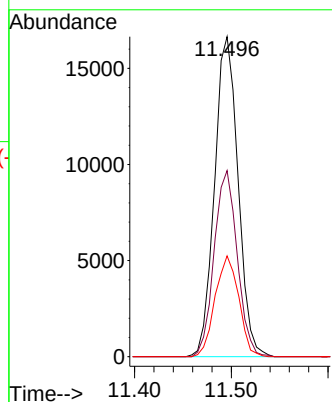
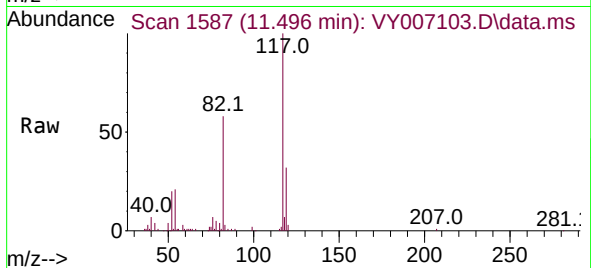
Tgt Ion:117 Resp: 28033

Ion Ratio Lower Upper

117 100

82 58.2 45.4 68.0

119 31.5 26.4 39.6



#68

m/p-Xylenes

Concen: 2.525 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY007103.D

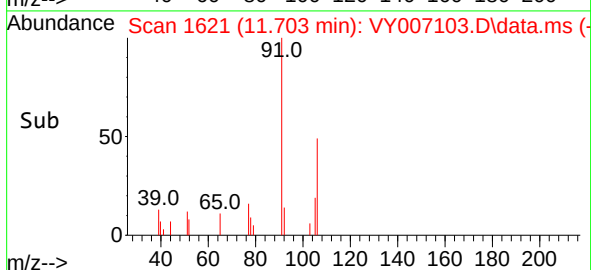
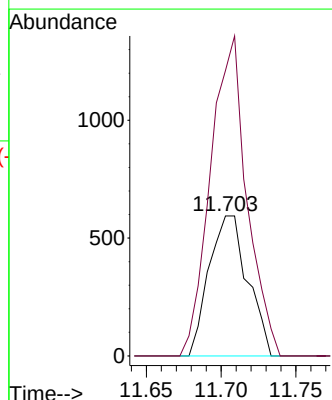
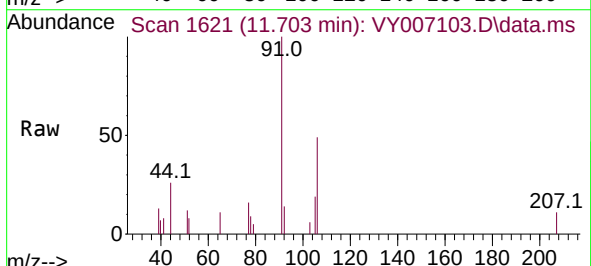
Acq: 10 Jan 2022 14:23

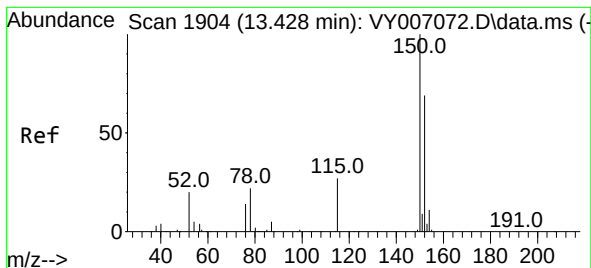
Tgt Ion:106 Resp: 1070

Ion Ratio Lower Upper

106 100

91 215.0 167.1 250.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007103.D

Acq: 10 Jan 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

AMI-10

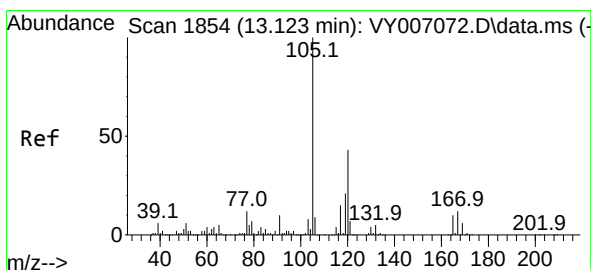
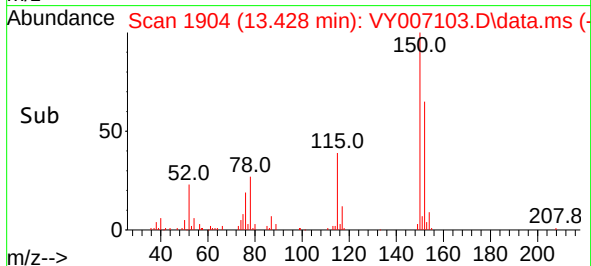
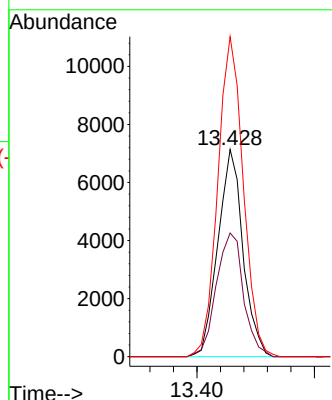
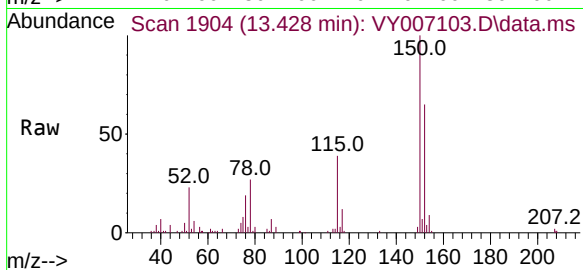
Tgt Ion:152 Resp: 10590

Ion Ratio Lower Upper

152 100

115 64.6 31.4 94.0

150 156.8 0.0 348.4



#84

1,2,4-Trimethylbenzene

Concen: 1.204 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007103.D

Acq: 10 Jan 2022 14:23

Tgt Ion:105 Resp: 877

Ion Ratio Lower Upper

105 100

120 45.4 21.6 64.6

